

PCS-730B Electrostatic Charger

The PCS-730B Electrostatic Charger is a battery operated hand held device used to charge an object up to ± 1 kV.

The PCS-730B is designed to be used in conjunction with the Prostat PFM-711B Field Meter equipped with the CPM-720B Charge Plate Monitor Assembly. This unique instrument combination provides ionization performance testing, electrostatic decay of materials or equipment, and suppression analysis of worksurfaces or clothing.

The PCS-730B is personnel safe and easy to use. It should not be used in contact with electrostatic discharge sensitive (ESDS) devices or assemblies.

Product Highlights

- Used to charge an object up to ± 1 kV
- Charges from zero to over 1000 volts in less than 10 seconds
- Provides ionization performance testing
- Provides electrostatic decay of materials or equipment
- Provides suppression analysis of worksurfaces or clothing
- Battery operated
- Includes a Low Battery indicator



PCS-730B Electrostatic Charger Specifications

PERFORMANCE	
Output	$\pm 1,250 \pm 5\%$ volts DC Current limited to less than 1 microamp
Output Connector	Female banana jack provided with mating contact rod
Charging Speed	Charges from zero to over ± 1000 volts in 3 seconds at ambient conditions
POWER	
Input	9 VDC alkaline battery included
Battery Life	Minimum of 28 hours (of continuous use) Approximately 20,000 charges of either polarity
GROUNDING	
	10mm female snap fastener on rear of case
ENVIRONMENT	
Operating Temperature	10°C to 30°C (50°F to 80°F)
Operating Relative Humidity	0% – 80%, non-condensing
Operating Altitude	2000 m
DIMENSIONS	
Electrostatic Charger	2.85 cm H x 6.12 cm W x 12.65 cm L 1.12" H x 2.41" W x 4.98" L
Charging Rod	Length: 4.45cm (1.75") Length: with banana plug: 8.18 cm (3.22") Diameter: 0.154"
WEIGHT	
	147 g (5.2 oz.) with battery



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